New Generation & Transmission Update*

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October 17, 2023

*Previously referred to as Power with Purpose Projects
New Generation & Transmission Update

Agenda

• Standing Bear Lake Station & Turtle Creek Station
• Solar
Standing Bear Lake Station & Turtle Creek Station
New Generation & Transmission Update
Standing Bear Lake Station
• Site Progress: 73.9%
• Construction activities
  – Substation: installing static cable; testing within control house; erecting fencing around substation yard
  – Transmission: Structures complete and conductor installation in progress.
  – Generation: prep for pour of emergency diesel generator, gas heater, and transformer foundations; insulation install on service water & urea tanks
  – Challenges: supply chain delays impacting schedule including project costs

Information as of September 26, 2023
New Generation & Transmission Update
Turtle Creek Station

- Site Progress: 68.9%
- Construction activities
  - Substation: resolving items identified during substation walkdown
  - Generation: staging isophase bus duct for unit #1, erection of fuel building; heavy haul transport of generator step-up transformers
  - Challenges: Commissioning schedule and optimization

Information as of September 26, 2023
Facing East – Aerial SBLS, September 2023

Facing North – Aerial TCS, September 2023

Information as of September 26, 2023
Platteview Solar
October Project Status Update

• OPPD Substation Progress: 98% (awaiting tie to AES facility)
• AES (Blue Ridge Power - EPC) Construction Progress: 70%
• Ongoing Activities
  – AES civil, structural, electrical design packages issued
    • Civil work activities are complete
    • AES substation construction in progress
  – Installation progress by parcel:
    – South & Central: Module installation complete; Module wiring and setting inverters in progress
    – North: Module installation 90% complete; Module wiring in progress
  – Install underground direct current and medium voltage cables
  – Project team developing documents for Commissioning & Operation

As of September 27, 2023
Platteview Solar – Aerial of South Parcel

Platteview Solar – Aerial of Central Parcel
K Junction Solar
October Project Status Update

- Generation Interconnection Agreement between OPPD, NPPD, and SPP effective August 2023
- Project Team evaluating documentation and project schedule
- Continuing community engagement and communication
- Supporting York County and the Village of McCool Junction on the development of solar regulations
- Efforts with NPPD on the timeline of the associated transmission/facility upgrades

★ General solar facility location